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 IDS Form PTO/SB/08: Substitute for form 1449A/PTO
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 10/561345
 20 DEC 2005

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Application Number To be assigned	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date Herewith	
				First Named Inventor KRUPKA	
				Art Unit To be assigned	
				Examiner Name To be assigned	
				Attorney Docket Number 05552.1463-00	
Sheet	1	of	2		

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-5,531,990	07-02-1996	Y. THANAVALA et al.	
		US-			
		US-			
		US-			
		US-			
		US-			

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 1 142 906 A1	10- 10- 2001	J. ZHENG		
		EP 1 174 523 A2-A3	01- 23- 2002	W. N. CHEN et al.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		S. J. FRIEZNER DEGEN et al., "The Murine Urokinase-Type Plasminogen Activator Gene," <i>Biochemistry</i> , 26: 8270-8279 (1987)	
		K. M. WEINBERGER et al., "High genetic variability of the group-specific a-determinant of hepatitis B virus surface antigen (HBsAg) and the corresponding fragment of the viral polymerase in chronic virus carriers lacking detectable HBsAg in serum," <i>Journal of General Virology</i> , 81: 1165-1174 (2000)	
		M. P. COOREMAN et al., "Characterization of the Reactivity Pattern of Murine Monoclonal Antibodies Against Wild-Type Hepatitis B Surface Antigen to G145R and Other Naturally Occurring "a" Loop Escape Mutations," <i>Hepatology</i> , 11: 1287-1292 (1999)	
		W. F. CARMAN et al., "Fulminant reactivation of hepatitis B due to envelope protein mutant that escaped detection by monoclonal HBsAg ELISA," <i>The Lancet</i> , 345: 1406-1407 (1995)	
		H-L. CHIOU et al., "Altered antigenicity of 'a' determinant variants of hepatitis B virus," <i>Journal of General Virology</i> , 78: 2639-2645 (1997)	
		Sequence No. Q96841 from: M. T. MORAES et al., "Sequence analysis of pre-S/S gene of hepatitis B virus strains of genotypes A, D, and F isolates," <i>Arch. Virol.</i> , 141:1767-1773 (1996)	
		Sequence No. EMBL: AB104715 from: N. SAUDY et al., "Genotypes and phylogenetic characterization of hepatitis B and delta viruses in Egypt," <i>Journal of Medical Virology</i> , 70(4): 529-536 (2003)	
		Sequence No. AF280817 from: L. YAN et al., "First Chinese HBV strain: genotype D complete sequence report," submitted (21 JUN 2000).	
		Sequence No. EMBL: HEB297881 from: L.F. LIU, "Wide variety of genotypes and geographical origins of hepatitis B virus in Belgian children."	
		Sequence No. EMBL: HEB214660 from: I. BORCHANI-CHABCHOUB, "Genotyping of Tunisian hepatitis B virus isolates based on the sequencing of preS2 and S regions," <i>Microbes Infect.</i> , 2(6): 607-612 (2000)	

Examiner Signature	/Zachariah Lucas/	Date Considered	10/02/2008
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Z.L./

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(Use as many sheets as necessary)*

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				First Named Inventor	KRUPKA
				Art Unit	To be assigned
				Examiner Name	To be assigned
				Attorney Docket Number	05552.1463-00